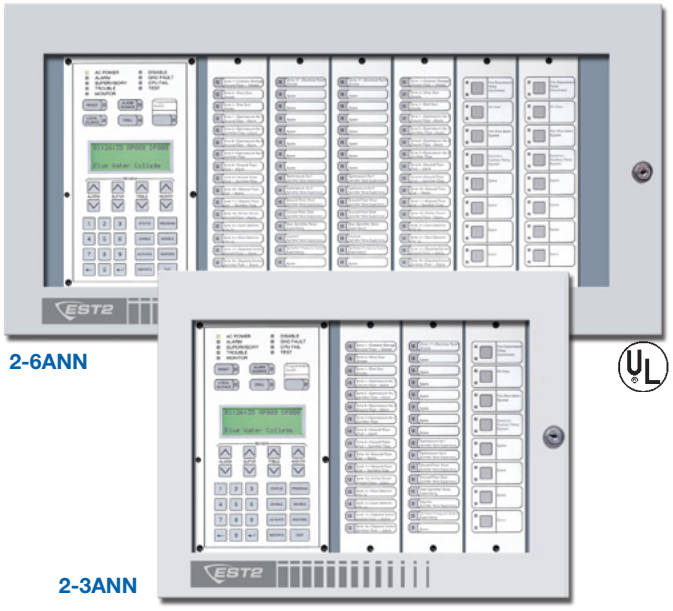
# EST2 Network Annunciators

## 2-3ANN, 2-6ANN




## Overview

The EST2 network annunciators provide full global system annunciation and control in remote locations when used with EST2 network control panels. The annunciators are designed to provide a consistent look and feel with control panel counterparts while providing all the same control capability.

The 16 Gauge steel annunciator cabinets have a gray textured enamel finish designed to provide an aesthetically pleasing neutral appearance. Both surface and semi-flush mounting cabinet configurations maximize mounting flexibility. Cabinet arrangements allow both LED and LCD annunciation to reside in a single enclosure. All cabinet types allow front panel mounted display components and rear mount network interface CPU. An 80 character back-lit LCD display provides high visibility in any environment. Slide in labeling for LEDs and switches provides designation flexibility for labeling in local languages.

The use of common display components from EST2 control panels provides ease of service and training.

## Standard Features

- 80 character LCD annunciator with LED option
- Message queues sort events for easy review
- Full control of all system operations including status, history and sensitivity reports
- Peer-to-peer network communications
- Uses Standard EST2 LED strips for optional LED annunciation and switch control
- Supports up to 30 external annunciators
- Alarm, Trouble & Supervisory contacts
- Variety of wallbox configurations
  - Size the annunciator to the application
- Slide in labels for LED/switch strips
  - Custom messages in any language



DATA SHEET 85005-0101
Not to be used for installation purposes. Issue 3

# Application

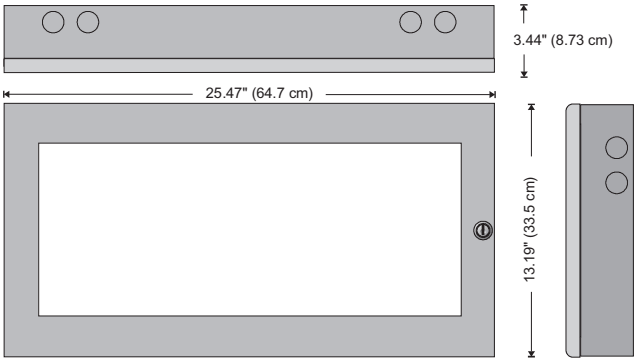
Use EST2 network annunciators when a compact system status display is needed. Up to 5 network annunciators can be used on the EST2 network. Annunciator configurations include LCD display with LED or LED/switch modules in a single enclosure. The 2-ANN provides for a 2-LCD and three LED or LED/switch modules. The 2-6ANN expands the LED or LED/switch modules from three to six. The LCD display provides the room needed to convey emergency information in a useful format while providing easy-to-operate event queues. Message routing to specific displays brings the benefit of flexible custom message applications normally found in cost prohibitive high end systems. Messages need only display in areas having to respond to an event.

For LED display, the full line of EST2 Panel Mounting Annunciator Modules supports network and local event display. Annunciator modules can be arranged in any order on the inner door of the annunciator to maximize application flexibility.

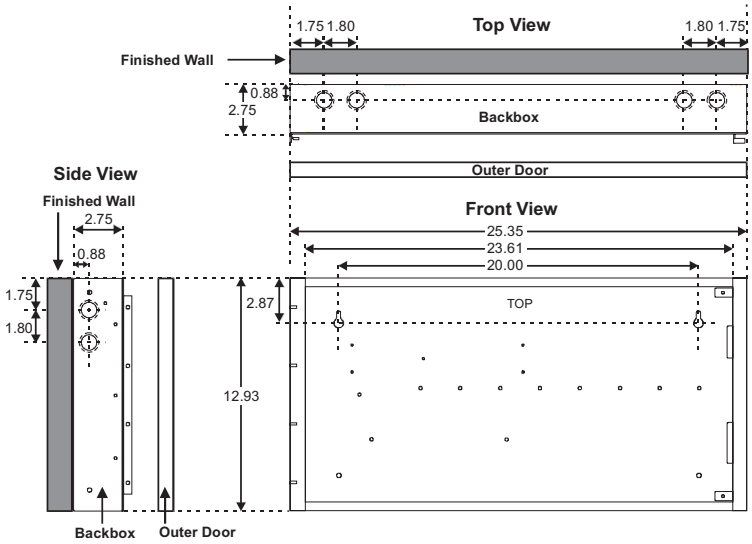
Application flexibility is further extended with the option of mounting modules for computer connections, off premises notification and printer support.

# Mounting

## 2-6ANN Surface mount

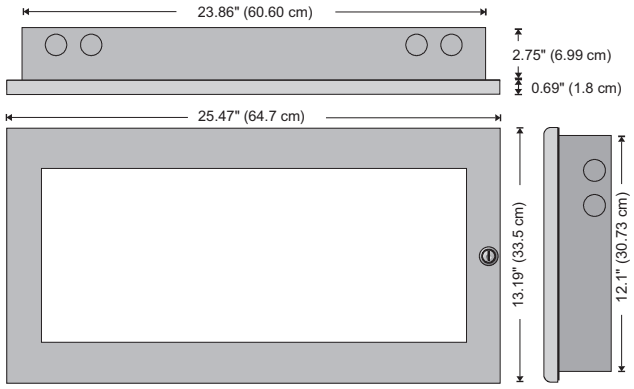



**External dimensions**

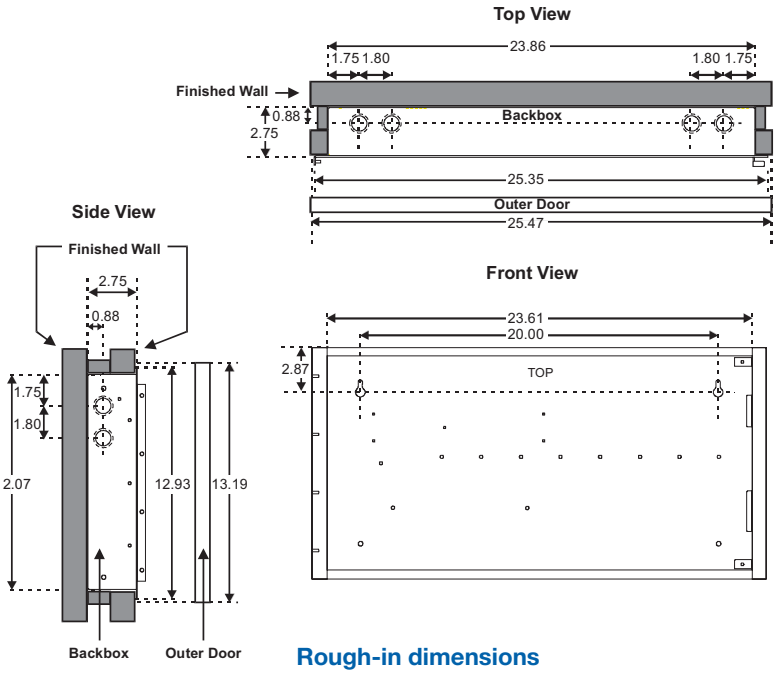



**Rough-in dimensions**

## 2-6ANN Semi-flush mount

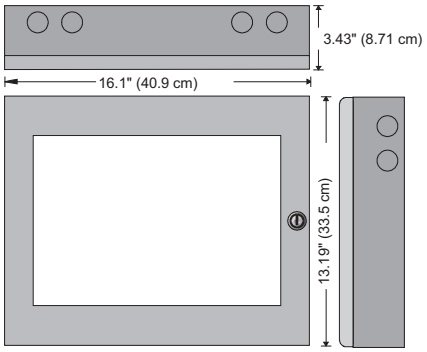



**External dimensions**

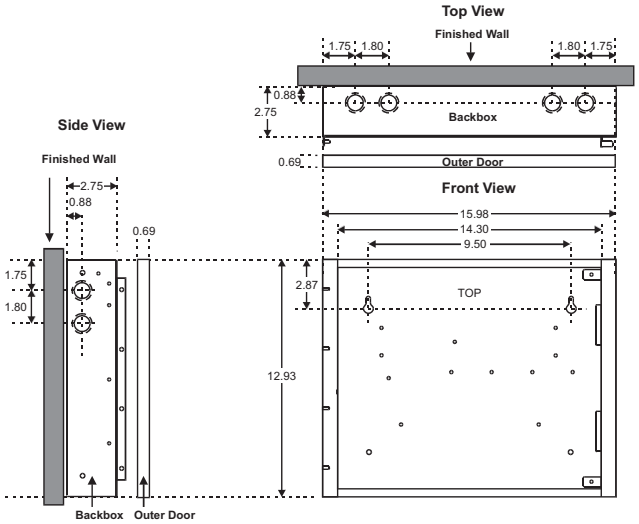



**Rough-in dimensions**

## 2-3ANN Surface mount

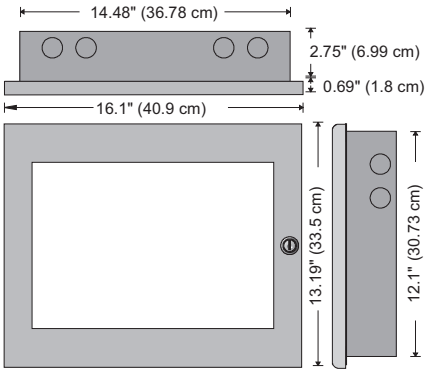



**External dimensions**

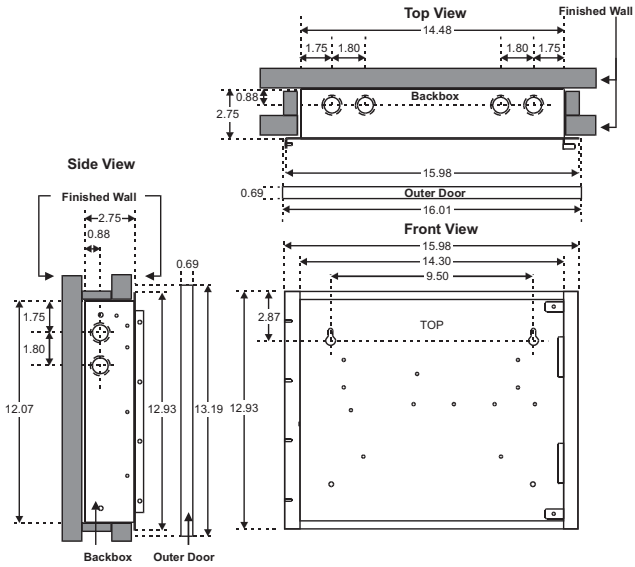



**Rough-in dimensions**

## 2-3ANN Semi-flush mount




**External dimensions**




**Rough-in dimensions**

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# Specifications

| Catalog Number | 2-CPU | 2-LCD |
|---|---|---|
| Agency Listings | UL | |
| Mounting Space | Rear footprint in annunciator box | Space provided in annunciator door |
| Network Wire Specification | 100 Ohms Max. .44µF Max. | |
| Network Communication Protocol | Peer-to-Peer RS-485 network Up to five 2-MCMN and five 2 CPU on a single network | |
| Non Network Communications | One RS-485 port with up to 30 annunciators; One RS-232 port | |

| Communication Formats | | |
|---|---|---|
| Network | RS-485 | N/A |
| Non Network Annunciators | RS-485 | |
| Printer | RS-232 | |
| 24 Vdc Current Standby Alarm | 2-CPU: 50mA/75mA<br>2-LCD: 20mA/130mA | |
| Wiring Size | Twisted Pair 18-14 AWG (0.75 - 1.5 mm²) | |
| Relative Humidity | 10-93% non condensing | |
| Temperature Rating | 0°-49° C ( 32°-120° F) | |
| Wiring Styles | Class B (style 4) or Class A (Style 6) | N/A |

# Ordering Information

| Catalog Number | Description | Shipping Weight |
|---|---|---|
| 2-LCD | Liquid Crystal Display Module (specify *2-LCD-CC* for City of Chicago) | .8 lb (.36 kg) |
| 2-CPU | Network Annunciator CPU | .45 lb (.2 kg) |
| 2-3ANN/D | Door assembly for 6ANN/B or 6ANN/B-S box - Gray finish. Supports one 2-LCD with up to three panel mounted annunciator modules | 5 lb (2.3 kg ) |
| 2-6ANN/D | Door assembly for 10ANN/B or 10ANN/B-S box - Gray finish. Supports one 2-LCD with up to six panel mounted annunciator modules | 6 lb (2.7 kg) |
| 6ANN/B | LED/LCD Flush wall box for 2-3ANN/D | |
| 6ANN/B-S | LED/LCD Surface wall box for 2-3ANN/D | |
| 10ANN/B | LED/LCD Flush wall box for 2-6ANN/D | |
| 10ANN/B-S | LED/LCD Surface wall box for 2-6ANN/D | |

| Panel Mounted Annunciator Modules | | |
|---|---|---|
| 2-16R | 16 Red LEDs | 1 lb (.45 kg) |
| 2-16Y | 16 Yellow LEDs | |
| 2-16G | 16 Green LEDs | |
| 2-8RY | 8 Red and 8 Yellow LEDs | |
| 2-12R4Y | 12 Red LEDs and 4 Yellow LEDs | |
| 2-16R8S | 16 Red LEDs and 8 two-position switches | |
| 2-16Y8S | 16 Yellow LEDs and 8 two-position switches | |
| 2-8RYS | 8 Red LEDs, 8 Yellow LEDs and 8 two-position switches | |